

Form 1449*

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)

Atty. Docket No. 3616.20-US-03
Serial No. 08/157,830 921481
Applicant Michael E. Woolford et al.
Filing Date 11/24/93
Group

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
SLY	Des. 237,704	11/18/75	Lane	D18	2R	03/27/72
	Des. 279,030	05/28/85	Risi et al.	D25	80	09/08/82
	Des. 280,024	08/06/85	Risi et al.	D25	80	09/08/82
	Des. 284,109	06/03/86	Seal, Jr.	D26	72	04/11/83
	Des. 295,788	05/17/88	Forsberg	D25	113	02/11/87
	Des. 295,790	05/17/88	Forsberg	D25	116	10/01/86
	Des. 296,007	05/31/88	Forsberg	D25	116	05/27/86
	Des. 296,365	06/21/88	Forsberg	D25	116	09/18/86
SLY	Des. 297,464	08/30/88	Forsberg	D25	114	06/02/86

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
SLY	22397/83	06/20/85	Australia			
	52765/86	08/21/86	Australia			
	80775/87	04/07/88	Australia			
	Des. 47,747	01/05/81	Canada			
	Des. 50,020		Canada			
SLY	Des. 51,160	04/11/83	Canada			

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
SLY	Retaining Wall Block Pictures (date unknown)
SLY	Columbia Machine Mold Descriptions (date unknown)
SLY	Kawano Cement Brochure (date unknown)

Examiner A. Gaylor Date Considered 6/10/97

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Filing Date
11/24/93
Group

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DLH	Des. 297,574	09/06/88	Forsberg	D25	114	06/02/86
	Des. 297,767	09/20/88	Forsberg	D25	58	05/11/87
	Des. 298,463	11/08/88	Forsberg	D25	114	06/08/87
	Des. 299,067	12/20/88	Forsberg	D25	58	04/02/87
	Des. 299,069	12/20/88	Risi et al.	D25	157	01/13/86
	Des. 300,253	03/14/89	Forsberg	D25	114	06/06/88
	Des. 300,254	03/14/89	Forsberg	D25	114	06/06/88
	Des. 301,064	05/09/89	Forsberg	D25	116	05/14/86
DLH	Des. 311,444	10/16/90	Forsberg	D25	113	11/08/85

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
DLH	Des. 51,313	05/09/83	Canada			
	Des. 51,794	09/12/83	Canada			
	Des. 62,875	04/06/89	Canada			
	Des. 63,365	05/30/89	Canada			
	Des. 63,366	05/30/89	Canada			
DLH	Des. 65,896	04/17/90	Canada			

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
DLH	Diamond Block Test Report to University of Wisconsin, Platteville (1990)
DLH	Versa Lock Product Literature (date unknown)
DLH	Johnson Block Product Literature (date unknown)

Examiner

J. Gaylo

Date Considered

6/10/97

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08/157,830 92/48/

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11/24/93
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U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DLG	Des. 316,904	05/14/91	Forsberg	D25	114	11/21/88
	Des. 317,048	05/21/91	Forsberg	D25	114	11/21/88
	Des. 317,209	05/28/91	Forsberg	D25	114	12/05/88
	126,547	05/07/1872	Hickcox	I	I	05/07/1872
	228,052	05/25/1880	Frost			10/16/1879
	468,838	02/16/1892	Steiger			11/13/1890
	566,924	09/01/1896	Morrin			04/22/1896
	810,748	01/23/06	Haller et al.			02/21/05
DLG	831,077	09/18/06	Johnson			12/02/05

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
DLG	Des. 66,760	08/28/90	Canada	I	I		
	Des. 67,904	01/30/91	Canada				
	338,139	12/26/33	Canada				
	531,354	10/09/58	Canada				
	941,626	02/12/74	Canada				
DLG	1,040,452	10/17/78	Canada				

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
DLG	Orco Block Co. <u>Split Face Block</u> Product Literature (date unknown)
DLG	<u>Handy-Stone Retaining Wall System</u> Product Literature (date unknown)
DLG	<u>Aztech Wall System</u> Installation Guide, Block Systems, Inc. (1989)

Examiner

D. Taylor

Date Considered

6/16/97

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Serial No. 08/157,830-93/98/1
Applicant Michael E. Woolford et al.
Filing Date 11/24/93
Group

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>DLG</i>	847,476	03/19/07	Hodges	I	I	01/31/06
	884,354	04/14/08	Bertrand			07/12/07
	916,756	03/30/09	Grant			12/06/07
	1,002,161	08/29/11	Lambert			10/7/10
	1,092,621	04/07/14	Worner			05/17/11
	1,219,127	03/13/17	Marshall			06/30/16
	1,222,061	04/10/17	Bartells			01/10/16
	1,248,070	11/27/17	Buente			06/07/16
<i>DLG</i>	1,285,458	11/19/18	Strunk			03/25/16

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
<i>DLG</i>	1,065,154	10/30/79	Canada	I	I	
	1,182,295	02/12/85	Canada			
	1,188,116	06/04/85	Canada			
	1,194,703	10/08/85	Canada			
	1,197,391	12/03/85	Canada			
<i>DLG</i>	1,204,296	05/13/86	Canada			

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
<i>DLG</i>	<u>EZ Wall Systems</u> Product Literature, Rockwood Retaining Wall Systems, Inc. (date unknown)
<i>DLG</i>	<u>Windsor Stone</u> Product Literature, Block Systems, Inc. (1991)
<i>DLG</i>	<u>Diamond Wall Systems: The Cutting Edge</u> , Anchor Block Co. (date unknown)

Examiner

D. J. Gault

Date Considered

6/10/97

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Michael E. Woolford et al.

Filing Date

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U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
dlg	1,287,055	12/10/18	Lehman	I	I	03/15/16
	1,330,884	02/17/20	McDermott			05/04/17
	1,414,444	05/02/22	Straight			06/10/20
	1,419,805	06/13/22	Bigler			03/03/20
	1,456,498	05/29/23	Binns			07/18/21
	1,465,608	08/21/23	McCoy			03/18/22
	1,557,946	10/20/25	Smith			03/07/25
	1,695,997	12/18/28	Evers et al.			04/02/25
dlg	1,727,363	09/10/29	Bone			04/25/28

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
dlg	2,012,286	09/15/91	Canada	I	I		
	0 039 372	11/11/81	EPO				
	0 130 921	01/09/85	EPO				
	0 170 113	07/08/85	EPO				
	0 215 991	09/13/85	EPO				
	0 322 668	12/15/88	EPO				
dlg	0 362 110	04/04/90	EPO				

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
dlg	Various Diamond Wall System 4 and 4.4 Concrete Masonry Units Tech Spec's, Anchor Block (1988, 1989)
	Modular Concrete Block, the Besser Co. (date unknown)
dlg	Paving Stone: New Look With Old World Charm, the Besser Co. (date unknown)
Examiner	Date Considered
dlg	6/10/97

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U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<u>MLH</u>	1,733,790	10/29/29	Gilman	<u>I</u>	<u>I</u>	03/16/25
	1,751,028	03/18/30	Casell et al	<u>I</u>	<u>I</u>	01/23/28
	1,773,579	08/19/30	Flath	<u>I</u>	<u>I</u>	11/18/26
	1,907,053	05/02/33	Flath	<u>I</u>	<u>I</u>	05/07/31
	2,011,531	08/13/35	Tranchell	<u>64</u>	<u>41</u>	08/28/31
	2,034,851	03/24/36	Wichmann	<u>61</u>	<u>47</u>	07/19/34
	2,094,167	09/28/37	Evers	<u>61</u>	<u>47</u>	08/14/36
	2,113,076	04/05/38	Bruce	<u>20</u>	<u>3</u>	06/07/33
	2,121,450	06/21/38	Sentrop	<u>25</u>	<u>41</u>	02/28/36
<u>MLH</u>	2,197,960	04/23/40	Alexander	<u>61</u>	<u>47</u>	06/08/38

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
<u>MLH</u>	392.474	11/27/08	France	<u>I</u>	<u>I</u>	
	1.360.872	04/05/63	France	<u>I</u>	<u>I</u>	
	2.228.900	05/08/74	France	<u>I</u>	<u>I</u>	
	2 243 304	09/09/74	France	<u>I</u>	<u>I</u>	
	2,343 871	05/05/76	France	<u>I</u>	<u>I</u>	
<u>MLH</u>	2 422 780	12/01/78	France	<u>I</u>	<u>I</u>	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
	Keystone International Compac Unit Product Literature (1992)
<u>MLH</u>	
	Keystone Retaining Wall Systems Product Literature (1992)
<u>MLH</u>	
	Garden Wall Product Literature (1991)
<u>MLH</u>	

Examiner

D. Taylor

Date Considered

6/10/97

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U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>SLH</i>	2,219,606	10/29/40	Schoick	25	158	03/13/39
	2,235,646	03/18/41	Schaffer	72	101	12/23/36
	2,313,363	03/09/43	Schmitt	61	39	07/02/40
	2,371,201	03/13/45	Wells	72	38	03/08/41
	2,570,384	10/09/51	Russell	25	121	08/16/48
	2,882,689	04/21/59	Huch et al.	61	35	12/18/53
	2,963,828	12/13/60	Belliveau	50	425	06/13/57
	3,036,407	05/29/62	Dixon	50	443	11/12/57
<i>SLH</i>	3,204,316	09/07/65	Jackson	25	121	10/05/62

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
<i>SLH</i>	2 463 237	08/09/79	France	<i>I</i>	<i>I</i>	
	2,465 032	09/07/79	France			
	18 11 932	06/01/78	Germany			
	22 59 654	06/12/74	Germany			
	27 19 107	11/16/78	Germany			
<i>SLH</i>	27 55 833	07/20/78	Germany			

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
	Standard Load Bearing Wall Tile Literature. (1924).
<i>SLH</i>	
	Anchor Autoclave Product Literature (1990).
<i>SLH</i>	
	Catalog sheet "The Allan Block Advantage" (date unknown)
<i>SLH</i>	

Examiner

D. Gaylo

Date Considered

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U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>dh</i>	3,274,742	09/27/66	Paul, Jr. et al.	52	245	02/07/63
<i>dh</i>	3,378,885	04/23/68	Dart	18	5	04/23/64
<i>dh</i>	3,390,502	07/02/68	Carroll	52	424	07/15/66
<i>dh</i>	3,430,404	03/04/69	Muse	52	439	03/20/67
<i>dh</i>	3,488,964	01/13/70	Kubo	61	37	11/27/67
<i>dh</i>	3,557,505	01/26/71	Kaul	52	275	08/12/68
<i>dh</i>	3,631,682	01/04/72	Hilfiker et al.	61	47	01/26/70
<i>dh</i>	3,754,499	08/28/73	Heisman et al.	100	93	09/27/71
<i>dh</i>	3,783,566	01/08/74	Nielson	52	232	08/10/72

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
<i>dh</i>	34 01 629	07/26/84	Germany	I	I	
<i>dh</i>	336	02/01/1871	Great Britain			
<i>dh</i>	536,434		Great Britain			
<i>dh</i>	537,153	06/11/41	Great Britain			
<i>dh</i>	1 385 207	01/10/75	Great Britain			
<i>dh</i>	1 386 088	03/05/75	Great Britain			

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
<i>dh</i>	"The Allan Block Advantage" (date unknown)
<i>dh</i>	"Ivany Block" Retaining Walls (date unknown)
<i>dh</i>	"The Estate Wall by Unilock", Unilock Chicago, Inc. (date unknown)

Examiner <i>d. Taylor</i>	Date Considered 6/10/97
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<i>dkh</i>	3,925,994	12/16/75	Broms et al.	61	39	06/20/74
	3,932,098	01/13/76	Huber et al.	425	412	12/18/74
	3,936,987	02/10/76	Calvin	52	309	01/13/75
	3,936,989	02/10/76	Hancock	52	593	02/10/75
	3,953,979	05/04/76	Kurose	61	39	09/06/74
	3,995,434	12/07/76	Kato et al.	61	4	07/29/75
	4,001,988	01/11/77	Riefler	52	125	01/09/75
	4,016,693	04/12/77	Warren	52	405	08/22/75
<i>dkh</i>	4,023,767	05/17/77	Fontana	249	52	06/15/76

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
<i>dkh</i>	1 477 139	06/22/77	Great Britain	I	I	
	2 091 775	08/04/82	Great Britain			
	2 127 872	04/18/84	Great Britain			
	2 213 095	08/09/89	Great Britain			
	456776	04/21/50	Italy			
	459942	10/11/50	Italy			
<i>dkh</i>	709599	06/22/66	Italy			

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
<i>dkh</i>	"Pisa II" Interlocking Retaining Wall Supplies for Garden Landscaping (date unknown)
<i>dkh</i>	Weiser Concrete, Inc., Weiser Slope Blocks Advertisement (date unknown)

Examiner

S. Gaydos

Date Considered

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<i>MLH</i>	4,067,166	01/10/78	Sheahan	52	593	06/12/75
	4,098,040	07/04/78	Riefler	52	125	11/09/76
	4,107,894	08/22/78	Mullins	52	593	05/23/77
	4,110,949	09/05/78	Cambiuzzi et al.	52	437	06/28/77
	4,124,961	11/14/78	Habegger	52	592	06/14/77
	4,126,979	11/28/78	Hancock	52	594	08/04/77
	4,132,492	01/02/79	Jenkins	404	119	02/13/78
	4,175,888	11/27/79	Ijima	405	31	01/12/78
<i>MLH</i>	4,186,540	02/05/80	Mullins	52	593	05/8/78

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
<i>MLH</i>	678,160		Soviet Union			
	205452	09/16/39	Switzerland			
	CH 657 172	08/15/86	Switzerland			
<i>MLH</i>	CH 669 001	02/15/89	Switzerland			

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**Examiner Initial	

Examiner

D. Gaylor

Date Considered

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<u>MA</u>	4,187,069	02/05/80	Mullins	425	470	10/02/78
	4,190,384	02/26/80	Neumann	405	284	08/09/78
	4,193,718	03/18/80	Wahrendorf et al.	405	286	07/10/78
	4,207,718	06/17/80	Schaaf et al.	52	585	03/08/79
	4,208,850	06/24/80	Collier	52	285	05/11/78
	4,214,655	07/29/80	Bernham et al.	198	374	12/09/77
	4,218,206	08/19/80	Mullins	425	253	10/02/78
	4,228,628	10/21/80	Schlomann	52	438	09/01/78
	4,229,123	10/21/80	Heinzmann	405	273	01/16/79
	4,262,463	04/21/81	Hapel	52	98	12/27/78
	4,288,960	09/15/81	Auras	52	604	08/01/77
	4,312,606	01/26/82	Sarikelle	405	286	03/21/80
	4,314,431	02/09/82	Rabassa	52	259	12/31/79
	4,335,549	06/22/82	Dean, Jr.	52	98	12/01/80
	4,337,605	07/06/82	Tudek	52	293	07/18/80
	4,380,409	04/19/83	O'Neill	405	273	08/17/81
	4,384,810	05/24/83	Neumann	405	284	05/21/81
<u>MA</u>	4,426,815	01/24/84	Brown	52	100	11/10/80

Examiner

A. Gaylo

Date Considered

6/10/97

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Form 1449*

Atty. Docket No.
3616.20-US-03Serial No.
08/157,830-921481INFORMATION DISCLOSURE STATEMENT
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Michael E. Woolford et al.
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11/24/93
Group

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (If Appropriate)
<i>dy</i>	4,454,699	06/19/84	Strobl	52	585	03/15/82
	4,470,728	09/11/84	Broadbent	405	284	01/04/82
	4,490,075	12/25/84	Risi et al.	405	273	08/16/82
	4,496,266	01/29/85	Ruckstuhl	404	41	12/06/82
	4,512,685	04/23/85	Hegle	405	284	09/08/91
	4,524,551	06/25/85	Scheiwiller	52	98	03/08/82
	4,572,699	02/25/86	Rinninger	404	42	12/16/83
	4,640,071	02/03/87	Haener	52	286	07/12/85
	4,651,485	03/24/87	Osborne	52	284	09/11/85
	4,658,541	04/21/87	Haile	47	83	02/05/86
	4,660,342	04/28/87	Salisbury	52	358	10/04/85
	4,671,706	06/09/87	Giardini	405	286	12/11/85
	4,711,606	12/08/87	Leling et al.	405	286	01/31/86
	4,726,567	02/23/88	Greenberg	256	19	09/16/86
	4,784,821	11/15/88	Leopold	264	510	06/24/87
	4,802,320	02/07/89	Forsberg	52	585	11/03/87
	4,802,836	02/07/89	Whissell	425	253	07/13/87
	4,815,897	03/28/89	Risi et al.	405	284	12/21/84
	4,825,619	05/02/89	Forsberg	52	562	05/26/87
	4,860,505	08/29/89	Bender	52	98	05/26/88
	4,896,999	01/30/90	Ruckstuhl	405	286	12/01/88
	4,909,010	03/20/90	Gravier	52	609	12/17/87
	4,909,717	03/20/90	Pardo	425	138	04/10/89
<i>dy</i>	4,914,876	04/10/90	Forsberg	52	169	12/20/88

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3616.20-US-03

08/157,830 93/981

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**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>DLH</i>	5,017,049	05/21/91	Sievert	405	284	07/26/90
<i>DLH</i>	5,031,376	07/16/91	Bender et al.	52	609	12/09/88
<i>DLH</i>	5,044,834	09/03/91	Janopaul, Jr.	405	284	07/26/90
<i>DLH</i>	5,062,610	11/05/91	Woolford et al.	249	52	06/07/90
<i>DLH</i>	5,158,132	10/27/92	Guillemot	165	30	03/19/90

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

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